

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001235.D
 Acq On : 15 Jan 2020 22:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:36:41 AM

Quant Time: Jan 16 06:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	180329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	330110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	141094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	106524	55.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.86%	
35) Dibromofluoromethane	7.73	113	95526	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.18	98	389477	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.48	95	148828	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	71321	51.499	ug/l	99
3) Chloromethane	2.12	50	105194	52.696	ug/l	99
4) Vinyl Chloride	2.26	62	110648	55.019	ug/l	99
5) Bromomethane	2.65	94	77179	71.445	ug/l	95
6) Chloroethane	2.80	64	73532	63.288	ug/l	100
7) Trichlorofluoromethane	3.13	101	139414	49.803	ug/l	99
8) Diethyl Ether	3.54	74	62530	57.486	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	90300	50.114	ug/l	99
10) Methyl Iodide	4.10	142	130972	53.103	ug/l	99
11) Tert butyl alcohol	4.97	59	59045	308.124	ug/l	100
12) 1,1-Dichloroethene	3.88	96	95195	51.639	ug/l	98
13) Acrolein	3.74	56	44981	260.740	ug/l	100
14) Allyl chloride	4.49	41	169428	54.455	ug/l	99
15) Acrylonitrile	5.18	53	163221	300.036	ug/l	100
16) Acetone	3.96	43	139951	316.398	ug/l	98
17) Carbon Disulfide	4.20	76	310283	52.004	ug/l	98
18) Methyl Acetate	4.49	43	87397	59.761	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	291249	57.116	ug/l	99
20) Methylene Chloride	4.73	84	122662	60.687	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	112949	54.035	ug/l	97
22) Diisopropyl ether	6.13	45	363468	57.195	ug/l	99
23) Vinyl Acetate	6.07	43	1204533	296.375	ug/l	100
24) 1,1-Dichloroethane	6.04	63	194556	55.922	ug/l	99
25) 2-Butanone	7.00	43	219339	318.615	ug/l	99
26) 2,2-Dichloropropane	6.99	77	157242	49.150	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	128077	55.918	ug/l	99
28) Bromochloromethane	7.35	49	85560	59.890	ug/l	99
29) Tetrahydrofuran	7.36	42	145119	307.604	ug/l	96
30) Chloroform	7.52	83	189954	55.724	ug/l	96
31) Cyclohexane	7.79	56	180480	48.996	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	158135	52.283	ug/l	99
36) 1,1-Dichloropropene	7.93	75	148495	49.354	ug/l	100
37) Ethyl Acetate	7.09	43	96588	54.701	ug/l	98
38) Carbon Tetrachloride	7.91	117	134186	48.664	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	191368	46.915	ug/l	99
40) Benzene	8.17	78	463678	52.794	ug/l	100
41) Methacrylonitrile	7.32	41	43238m	52.129	ug/l	
42) 1,2-Dichloroethane	8.25	62	132039	53.690	ug/l	99
43) Isopropyl Acetate	8.28	43	190730	56.488	ug/l	98
44) Trichloroethene	8.94	130	119774	52.337	ug/l	96
45) 1,2-Dichloropropane	9.22	63	116994	53.883	ug/l	97
46) Dibromomethane	9.31	93	64767	54.670	ug/l	98
47) Bromodichloromethane	9.50	83	153887	53.300	ug/l	99
48) Methyl methacrylate	9.30	41	85983	55.029	ug/l	99
49) 1,4-Dioxane	9.30	88	18440	1278.131	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	488311	285.018	ug/l	99
52) Toluene	10.25	92	289665	51.710	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	169227	52.380	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	193705	53.178	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	93123	53.022	ug/l	97
56) Ethyl methacrylate	10.51	69	146786	54.637	ug/l	99
57) 1,3-Dichloropropane	10.79	76	165803	54.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	221324	234.233	ug/l	99
59) 2-Hexanone	10.83	43	349179	290.810	ug/l	98
60) Dibromochloromethane	10.99	129	107373	53.099	ug/l	99
61) 1,2-Dibromoethane	11.09	107	91520	53.367	ug/l	99
64) Tetrachloroethene	10.72	164	97178	50.883	ug/l	98
65) Chlorobenzene	11.52	112	304885	51.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	106718	52.303	ug/l	98
67) Ethyl Benzene	11.59	91	558954	51.614	ug/l	99
68) m/p-Xylenes	11.70	106	421694	103.224	ug/l	100
69) o-Xylene	12.03	106	202817	51.781	ug/l	98
70) Styrene	12.04	104	362731	52.780	ug/l	99
71) Bromoform	12.20	173	66801	53.089	ug/l #	99
73) Isopropylbenzene	12.33	105	533798	50.325	ug/l	100
74) N-amyl acetate	12.14	43	183973	55.576	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	120533	54.011	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	83907m	55.552	ug/l	
77) Bromobenzene	12.61	156	122204	52.140	ug/l	99
78) n-propylbenzene	12.67	91	644748	50.534	ug/l	100
79) 2-Chlorotoluene	12.75	91	372234	50.801	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	451982	51.070	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	44201	49.625	ug/l #	97
82) 4-Chlorotoluene	12.85	91	397790	50.852	ug/l	100
83) tert-Butylbenzene	13.07	119	385959	51.900	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	456337	51.922	ug/l	100
85) sec-Butylbenzene	13.25	105	540105	50.485	ug/l	99
86) p-Isopropyltoluene	13.37	119	475635	51.206	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	233820	52.751	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	236163	51.768	ug/l	99
89) n-Butylbenzene	13.69	91	469210	50.154	ug/l	99
90) Hexachloroethane	13.96	117	92421	50.921	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	216214	52.485	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	21006	52.181	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	138789	51.134	ug/l	100
94) Hexachlorobutadiene	15.11	225	64973	47.517	ug/l	98
95) Naphthalene	15.23	128	333753	52.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	122778	51.327	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

